

DECLARATION FOR UNITED STATES PATENT APPLICATION,  
POWER OF ATTORNEY, DESIGNATION OF CORRESPONDENCE ADDRESS

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name, and that I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled INDUSTRIAL ROBOT, the specification of which

☐ is attached hereto.

☐ was filed on \_\_\_\_\_, as Application No. \_\_\_\_\_.

☒ was filed under the Patent Cooperation Treaty on 16 January 2002, and given Application No. PCT/SE02/00075 the United States of America having been designated.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56(a).

I HEREBY CLAIM foreign priority benefits under Title 35, United States Code §119(a)-(d) of §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number	Country	Foreign Filing Date	Priority Claimed

I HEREBY CLAIM the benefit under Title 35, United States Code §119(e) of any United States provisional application(s) listed below.

U.S. Provisional Application Number	Filing Date

I HEREBY CLAIM the benefit under Title 35, United States Code, §120 of any United States application(s), or §365(c) of any PCT International application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

U.S. Patent Application Number	PCT Patent Application Number	Patent Filing Date	Parent Patent Number

I hereby appoint the registered attorneys and agents of VENABLE LLP associated with the following customer number to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

26694

U.S. PATENT AND TRADEMARK OFFICE

VENABLE LLP is located at 575 7<sup>th</sup> Street, NW, Washington, DC 20004-1601, Telephone: (202) 344-4000, Telefax: (202) 344-8300. Address all correspondence to VENABLE LLP, Post Office Box 34385, Washington,

D.C. 20043-9998.

The undersigned hereby authorizes the U.S. attorneys named herein to accept and follow instructions from the undersigned's assignee, if any, and/or, if the undersigned is not a resident of the United States, the undersigned's domestic attorney, patent attorney or patent agent, as to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorneys and the undersigned. In the event of a change in the person(s) from whom instructions may be taken, the U.S. attorneys named herein will be so notified by the undersigned.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under §1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Signature: Hans Skutberg Date: 24-Aug-2004  
First/Joint Inventor: Hans Skutberg  
Citizenship: Sweden  
Residence and Post Office Address: Smultronvägen 21, SE-831 62 ÖSTERSUND, Sweden

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
First/Joint Inventor: Åsa Vallin  
Citizenship: Sweden  
Residence and Post Office Address: Bordsvägen 35, SE-122 46 ENSKEDE, Sweden

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
First/Joint Inventor: Torgny Brogårdh  
Citizenship: Sweden  
Residence and Post Office Address: Plåtverksgatan 140, SE-724 79 VÄSTERÅS, Sweden

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
First/Joint Inventor: Mathilda Andreasson  
Citizenship: Sweden  
Residence and Post Office Address: Tuppfjätsgatan 2, SE-421 36 VÄSTRA FRÖLUNDA, Sweden

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
First/Joint Inventor: Ivan LUNDBERG  
Citizenship: Sweden  
Residence and Post Office Address: Ibsengatan 80, SE-168 47 BROMMA, Sweden

D.C. 20043-9998.

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Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
First/Joint Inventor: Hans Skutberg  
Citizenship: Sweden  
Residence and Post Office Address: Smultronvägen 21, SE-831 62 ÖSTERSUND, Sweden

Signature: Åsa Vallin Date: 2004-08-18  
First/Joint Inventor: Åsa Vallin  
Citizenship: Sweden  
Residence and Post Office Address: Bordsvägen 35, SE-122 46 ENSKEDE, Sweden

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
First/Joint Inventor: Torgny Brogårdh  
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Signature: \_\_\_\_\_ Date: \_\_\_\_\_

First/Joint Inventor: Hans Skutberg

Citizenship: Sweden

Residence and Post Office Address: Smultronvägen 21, SE-831 62 ÖSTERSUND, Sweden

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

First/Joint Inventor: Åsa Vallin

Citizenship: Sweden

Residence and Post Office Address: Bordsvägen 35, SE-122 46 ENSKEDE, Sweden

Signature: Torgny Brogårdh Date: August 18, 2004

First/Joint Inventor: Torgny Brogårdh

Citizenship: Sweden

Residence and Post Office Address: Plåtverksgatan 140, SE-724 79 VÄSTERÅS, Sweden

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

First/Joint Inventor: Mathilda Andreasson

Citizenship: Sweden

Residence and Post Office Address: Tuppfjätsgatan 2, SE-421 36 VÄSTRA FRÖLUNDA, Sweden

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

First/Joint Inventor: Ivan LUNDBERG

Citizenship: Sweden

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First/Joint Inventor: Torgny Brogårdh  
Citizenship: Sweden  
Residence and Post Office Address: Plåtverksgatan 140, SE-724 79 VÄSTERÅS, Sweden

Signature: Mathilda Andreasson Date: 04.08.23  
First/Joint Inventor: Mathilda Andreasson  
Citizenship: Sweden  
Residence and Post Office Address: Tuppfjätsgatan 2, SE-421 36 VÄSTRA FRÖLUNDA, Sweden

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
First/Joint Inventor: Ivan LUNDBERG  
Citizenship: Sweden  
Residence and Post Office Address: Ibsengatan 80, SE-168 47 BROMMA, Sweden

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Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
First/Joint Inventor: Mathilda Andreasson  
Citizenship: Sweden  
Residence and Post Office Address: Tuppfjätsgatan 2, SE-421 36 VÄSTRA FRÖLUNDA, Sweden

Signature: Ivan Lundberg Date: 2004-08-18  
First/Joint Inventor: Ivan LUNDBERG  
Citizenship: Sweden  
Residence and Post Office Address: Ibsengatan 80, SE-168 47 BROMMA, Sweden

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: :  
: :  
Brogårdh et al. : Attorney Docket: 43315-205197  
: :  
Application No.: 10/501,197 : Art Unit: to be assigned  
: :  
Filed: July 16, 2004 : Examiner: To Be Assigned  
For: INDUSTRIAL ROBOT

## REQUEST TO CORRECT INVENTORSHIP

Mailstop: Patent Applications  
Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

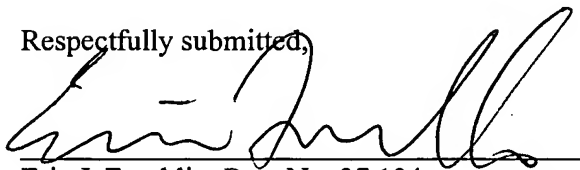
Applicants petition to correct the inventorship of the above-identified application to add inventor Hans Skutberg, who was inadvertently omitted, and delete inventor Daniel Wäppling, who was inadvertently included.

Submitted herewith are a statement by Daniel Wäppling stating that he was erroneously listed as an inventor with no deceptive intent, a statement by inventor Hans Skutberg stating that he was erroneously not listed as inventor with no deceptive intent, and a statement by Catarina Forssén, Patent Attorney for ABB AB, assignee of the entire right title and interest in the application. Also attached hereto is a copy of a power of attorney indicating that Ms. Forssén has authority to sign on behalf of ABB AB.

The undersigned authorizes the Commissioner to charge the petition fee required under 37 C.F.R. 1.17(I) and any fee insufficiency and credit overpayment associated with this communication to deposit account 22-0261.

Respectfully submitted,

Date: 5/8/05

  
Eric J. Franklin, Reg. No. 37,134  
Venable LLP  
575 7<sup>th</sup> Street, NW  
Washington, DC 20004  
Telephone: 202-344-4936

RECEIVED  
MAY 10 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Brogårdh et al.

Application No.: 10/501,554

Filed: July 16, 2004

For: Industrial Robot

Attorney Docket: 43315-205197

Art Unit: to be assigned

Examiner: to be assigned

CONSENT OF ASSIGNEE TO CORRECTION OF INVENTORSHIP


Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

ABB AB is the assignee of the entire right, title and interest of the above-identified application, as evidenced by the attached assignment from the inventors to ABB AB submitted herewith for recording in the U.S. Patent and Trademark Office. ABB AB hereby consents to correction of the inventorship of the above application by the addition of Hans Skutberg as inventor and deletion of Daniel Wäppling as inventor. I, Catarina Forssén, am authorized to sign for ABB AB as evidenced by the attached power of attorney.

Respectfully submitted,

Date: 3 Sept. 2004

  
Catarina Forssén  
Patent Attorney, ABB AB





Q 3463/03/60

## Power of Attorney

We, the undersigned ABB AB (company registration number 556029-7029) of Västerås, Sweden, hereby authorize

ABB AB, Legal & Compliance/Intellectual Property, SE-721 78 Västerås, Sweden, and each of the following persons

Dr. Håkan Korske  
Ms. Annika Thyselius  
Mr. Björn Dahlstrand  
Ms. Catarina Forssén  
Mr. Henrik Fransson  
Mr. Jan Smede  
Mr. Jonas Hasler  
Mr. Nick Warren  
Ms. Pia Tarkpea  
Mr. Torsten Persson  
Mr. Ulf Rytterholm

with the following address:

ABB AB, Legal & Compliance/Intellectual Property, SE-721 78 Västerås, Sweden


to act on our behalf, from 23 May, 2003, and onwards, before Intellectual Property authorities as Patent- and Trademark Offices as well as before pertinent Courts, and to exercise our rights in all matters concerning trademarks, designs, any and all national or International patent applications or patents, and/or utility models, and to sign on our behalf by single signature. The authorized representatives do not have the right to assign, sell or transfer trademarks, designs, patents and/or utility models.


The said authorized persons each have the right to grant powers of substitution.

This Power of Attorney is valid until revoked by us.

Västerås, Sweden, 23 May, 2003

ABB AB

  
Jörgen Gustafsson

  
Gunnar Björkenor  
General Counsel

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Brogårdh et al.

Application No.: 10/501,554

Filed: July 16, 2004

For: Industrial Robot

Attorney Docket: 43315-205197

Art Unit: to be assigned

Examiner: to be assigned

STATEMENT REGARDING INVENTORSHIP

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

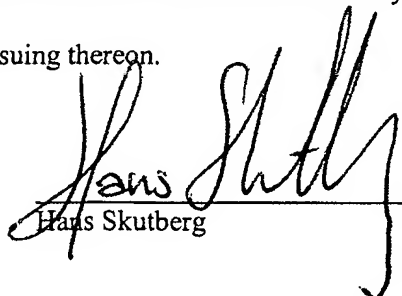
I, Hans Skutberg, hereby declare as follows:

Through no deceptive intention on my part, an error in inventorship occurred in the above-referenced application when I was not listed as an inventor.

The undersigned inventor declares further that all statements made herein of his own knowledge are true and that all statements made on information and belief are believed to be true and further that these statements made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date:

24 Aug 2004

  
Hans Skutberg

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	:	
Brogårdh et al.	:	Attorney Docket: 43315-205197
Application No.: 10/501,554	:	Art Unit: to be assigned
Filed: July 16, 2004	:	Examiner: to be assigned
For: Industrial Robot	:	

STATEMENT REGARDING INVENTORSHIP

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

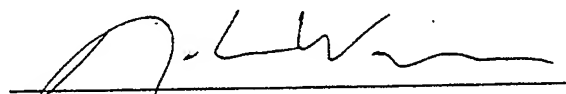
Sir:

I, Daniel Wäppling, hereby declare as follows:

Through no deceptive intention on my part, an error in inventorship occurred in the above-referenced application when I was listed as an inventor.

The undersigned inventor declares further that all statements made herein of his own knowledge are true and that all statements made on information and belief are believed to be true and further that these statements made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: 2004-09-22

  
Daniel Wäppling